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## ORANGE COUNTY AMATEUR RADIO CLUB

VOLUME XXXIX NO 8 P.O. BOX 3454, TUSTIN, CA. 92681 AUGUST 1998

WEB SITE <http://www.w6ze.org>

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### Prez Sez

The Fair is finally over and a lot of time was put in by lots of hams. Thanks to those of you who helped out. OCARC day was a big success. The bands were open and lots of DX was available for working. The public was very energetic and fun to work with. Our team had a really good day. The ham committee was able to convince the building manager to allow us to keep the tower permanently attached to the building, so we are now set for the same booth for next year. If you have any suggestions for 1999 then feel free to send them my way. Our next planning session for 1999 will happen in January most likely.

The same people are on the committee for next year so we hope to keep the ball rolling. Thanks to Gordon West for providing the radios for our use.

KD6XO had a good turnout of hams to support the California Classic on August 8th. This year was uneventful and the horses and drivers faired pretty well. The only casualty was one team that got too close to the fence and caught a wheel. The call came over the radio that a carriage was out of commission due to a broken axle. I heard the construction person was on the scene and was accused of having a faulty fence, one with a board that jumped out. Construction's version of it is that the fence was fine.....

During a previous year there was an incident of a pickup backing into a water sprinkler main feed. That 2" pipe broke and sent a geyser shooting up close to 100 feet in the air. This year nothing that dramatic.

By meeting time the convention in San Diego will be history. I am looking forward to spending some time there. One thing neat about having the pickup is the camper shell on the back. Last year at the Riverside convention I thought I had it worked out just perfectly for spending the night in the back lot. When I woke up Saturday morning imagine my surprise to find that the parking lot was the same lot that the Swap Meet was held in. Luckily I was at the very far end. This year I will watch the parking closer.

73, de kd6bwh Bob  
[kd6bwh@aol.com](mailto:kd6bwh@aol.com)

## 1998 BOARD OF DIRECTORS

President.....	Bob Buss.....	KD6BWH.....	534-2995
Vice President.....	Larry Hoffman.....	K6LDC.....	636-4345
Secretary.....	Jim Winn.....	KE6UCH.....	731-2732
Treasurer.....	Phil Andersen.....	N7PA.....	731-8333
Activities.....	Steve Rasmussen.....	KE6NAH.....	562-3305
Membership.....	John Dawson.....	WA6RND.....	633-7469
Publicity.....	Ken Konechy.....	W6HHC.....	744-0217
Technical.....	Larry Beilin.....	K6VDP.....	557-7217
Member at Large.....	Frank Smith.....	WA6VKZ.....	838-3180
Member at Large.....	Art Sheldon.....	K7ZE.....	997-3735

## CLUB APPOINTMENTS

Club Historian.....	Bob Evans.....	WB6IXN.....	543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C.....	639-5074
RF Editor.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Refreshments.....			
Field Day Chairman....	Chris Breller.....	KJ6ZH.....	562-925-9157

## DUES

Regular Members.....\$15.00    Additional Members.....\$7.50 each  
 Teenage Members.....\$ 6.00    Optional Club Badge.....\$5.00 each  
 Dues for new members are pro-rated quarterly from January 1st each  
 year. Family members must reside at the address of a regular member.  
 Only one RF is sent per household.



An ARRL Affiliated Club

Minutes of Board Meeting 8-1-98

Meeting was called to order at Coco's Restaurant in Orange at 8:45 am. Board members absent were Larry, K6LDC and John, WA6RND.

Vice Pres: Not present.

Secretary: No correspondence.

Treasurer: Phil, N7PA discussed the budget and reported \$1256.56 in the treasury.

Publicity: Ken, W6HHC informed the club of new pictures on the Web Site.

Old Business: Chris, KJ6ZH reported that everything was going well with the ARRL convention preparations for 1999 and our club should start Wouff Hong preparations around the first of the year. There was general discussion of alternate ways of presenting the Wouff Hong ceremony. Bob, AF6C reported the Field Day logs have been sent ahead of deadline to the ARRL. Bob also stated he invited the ARRL to download and Field Day pictures from the Web Site.

New Business: Frank, WA6VKZ suggested the club have a new sign made with our web site address on it to post at HRO. Ken, W6HHC will take care of the sign. It was suggested we put the towers for sale on the web site. Phil, N7PA suggested we make a study on putting the RF on the web site and set a goal for Jan. 99. This would be an effort to reduce printing and postage costs. There was discussion about updating the club QSL card.

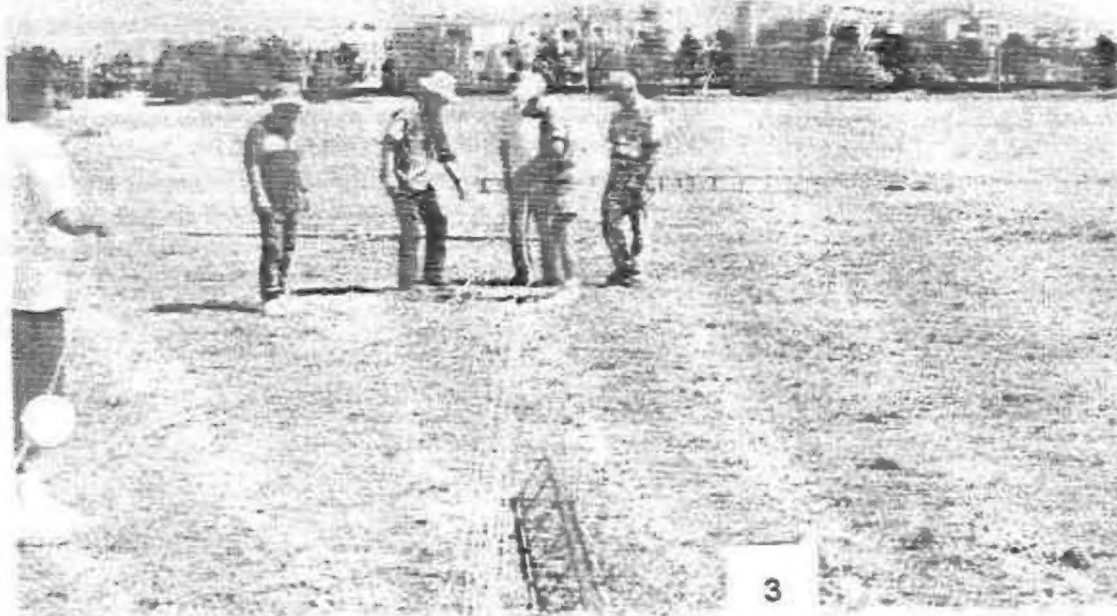
Good of the Club: Bob, KD6XO mentioned that operators are still needed for the Calif. Carriage Classic marathon on Aug. 8th.

Meeting adjourned at 9:45 am.

Respectfully submitted,

Jim Winn, KE6UCH  
Secretary

What is this lonely  
piece of equip.



Antenna's up and away.

# LOOK



K6LDC

## Coming Meeting Programs:

August 21

Robert Syms, KO6ZL from *MAHA* will bring us a program and update on their *MAHA* battery packs and radios.

September 18

E-mail and Web Site presentation by our own treasurer, Phil Anderson, N7PA. Here's your opportunity to learn some of the tricks of getting your mail delivered in microseconds and staying informed of all of the clubs activities including an up-to-date member directory.

October 16 Annual Club Auction



**October 23rd - 25th**

It seems as if our October version of the "Not so DXpedition" is right around the corner.

We need your help in determining the best location to have it. The following suggestions have been made, but we need some more of

them. Already suggested were:

Table Mountain and El Mirage Dry Lake. At the August meeting, we can select one of those suggested.

Some of the criteria are:

- ↳ Flat enough area for RV's,
- ↳ Open enough for wire HF antennas,
- ↳ Possible toilet facilities,
- ↳ Generator noise to not be a problem,

If you have suggestions, both Art, KE6WOX and myself, K6LDC, would appreciate hearing from you.

Do it by telephone or by e-mail.

K6LDC@earthlink.net

### LEAGUE CALLS ON FCC TO KILL ANTI-THEFT SYSTEM PETITION

The ARRL says there's no justification for the FCC to consider increasing power limits or expanding the frequency range of Part 15 anti-theft systems that operate on HF. Commenting in response to a Petition for Rulemaking from Checkpoint Systems Inc.—a manufacturer of the theft-deterrent devices—the League said the proposal was "technically baseless" and "fails to account for the extremely high interference potential" to licensed services. Under FCC rules, Part 15 devices must comply with specified radiation and emission limits and protect licensed services from harmful interference.

Such anti-pilferage devices detect tags concealed within or attached to protected articles by using a continuous RF sweep over the frequency range of operation. Typically, systems are set up so that customers can only exit via a gate equipped with one of the devices. The systems now use frequencies in the 1.7 to 10 MHz range.

Checkpoint wants the FCC to permit operation in the 1.705 to 30-MHz band at a maximum radiated emission level of 1000  $\mu$ V per meter (measured at a distance of 30 meters) and a maximum conducted emission level of 3000  $\mu$ V. Current rules permit a maximum radiated emission level of 30  $\mu$ V per meter (measured at a distance of 30 meters) between 1.705 and 30 MHz, or 100  $\mu$ V per meter between 1.705 and 10 MHz. The current conducted emission limit for such devices operating between 1.705 and 10 MHz is 250  $\mu$ V.

Pointing out that the FCC already has addressed the issue in the past, the ARRL said Checkpoint's petition was based on "the simply bad policy of increasing RF emissions of Part 15 devices as a means of combating alleged increases in ambient noise levels." The League said the real reason behind the petition was to "increase the marketability of one manufacturer's outdated technology" in the face of newer 900-MHz technology.



## NETNEWS

by WB6IXN

7/1 10m Phone Net - W6ZE/AF6C checks in LDC, WOX, RND, VDP, XO, JD, and LEX. IXN's rig is still in the shop. OPs discuss Field Day events, and a 4.7 mag. EQ takes place in near Stovepipe Wells while AF6C is reporting the 10m news!

7/1 2m Phone Net - W6ZE/IXN checks in AF6C, WOX, QHO, LDC, ECI, BWH, LEX, VDP, TWA, ZEE, ZH, UBK, and RE. Looks like we hve 3 candidates fer the N6UC award this year!...ZH assembles the beam ant. incorrectly, while VKZ blows the muffler off the generator! And LDC sends the ant. tower skyward wid no guy ropes! WOX was pleased that the FD site passed inspection. And Art said 10m was open today. IXN reports on the 4.7 EQ near Stovepipe Wells that just occurred. ECI, on lunch break now, dropped by the FD site to leave pipe sections fer HHC. BWH airs Newsline after picking up the harmonic. Newsline says over 100,000 acres of Florida real estate has been charred by recent fires! And Newsline says the 5 GHz band is now being threatened! QHO takes tourists to Catalina on a sailing boat over the weekend. LDC can't hear QHO this evening. And Larry will begin his vacation soon. VDP says Club OPs who did not attend FD, failed to contact the FD site to provide FD pnts! And VDP said that VKZ's 6m rig did not work at the FD site. LEX visits the FD site on Sat. afternoon. And Chris provided FD signs fer the site. And LEX apwnr some time in the 10 meter tent. TWA arrives at the site on Sunday at cleanup time. And Charles works YB1AI in Indonesia on 14,200 Sat. morning. ZH gets a satellite contact worth 100 pts, and Chris retrieves the check the Club deposited fer the FD site. UBK babysits during FD, and RE says ZH copied the FD message frm ARRL. And Alex works the FD site on 15m. He cudn't hear any Club OPs working on 40m!

7/8 10m Net - IXN is off to the mountains on vacation, and W6ZE/AF6C checks in HHC, RND, RE, VDP, FMX, LEX, TWA, and WOX. AF6C tells IXN abt Oil Heritage Week special event to be held by the Fort Venango Mike & Key Club in Oil City, PA. And Bob will probably be in class during Club meeting time this month.

7/8 2m Net - W6ZE/VDP checks in KFW, ZH, K6ZEC (Tuck) frm San Diego, AF6C, RE, WB6SCV/KF6QHO, WOX, LEX, TWA, and BWH. Most discussion during Net concerned the Orange County Fair and Field Day.

7/15 10m Net - Wid IXN's rig still in the shop, and AF6C off to radio class, W6ZE/HHC checks in LEX/m, FMX, VDP, and WOX. Looks like warm WX, hot shacks, & vacations are keeping OPs frm the shack! OPs discussed computer issues, and LDC is on vacation.

7/15 2m Net - W6ZE/IXN checks in WOX, VDP, TWA, RE, KFW, UBK, PFA, AQS, BWH, and AF6C. BWH gets OC Fair tickets distributed to Club volunteers for the Amateur Radio Booth. WOX works JA and Argentina on 15m CW last week, and SQLs via the Bureau. Art now looks fer a roofer & thinks abt replacement of a broken auto window! IXN battles an intestinal bug, and VDP gets food poisoning at a restaurant last Fri. eve. But last Wed., after Net, VDP works Scotland & Italy on 17m! LDC is on his way to Canada & Larry will try to contact

Club OPs. WOX, BWH, VDP, PFA, KFW, and TWA are all working the OC Fair AR Booth. (Did I miss anyone?) BWH checks in mobile and airs Newsline #1091 from which we learn that MIR will be de-orbited 6 mos early due to financial problems! TWA worked his 1st day at the Fair and told OPs abt Scouts getting their code certificates. Charles & IXN discuss their tomato plants, and VDP will help Charles get a 2m rig on the air Fri. We congrat. Charles & XYL on their 56th wedding anniv.! RE, working earlier on a broken sprinkler line, is still perspiring in the humid heat. KFW was off to Yorba Linda today to watch the grand harmonic take a swimming lesson, and Chris talked to a Pittsburgh, PA, OP who filed him in on recent storm damage in PA from high winds! UBK comes down with a fever bug and stays home from work yesterday. Del is much better today! AF6C gives Net info. to IXN and tells OPs he'll probably miss Fri. Meeting. PFA co-works the Fair Booth with VDP, and Tom tells OPs abt a neat 2.4 GHz rig he put on the air for abt \$150, using a home-made dish and coffee can horn for the ant.! And PFA has sent the rig back to EICOM for sum touch-up work. BWH tells Fair OPs to visit the Hospitality Room for lemonade, coffee, cold water, restrooms, etc. Dwayne, KE6AQS, got his Yaesu FT 50-R for Father's Day!

7/22 10m Phone Net - W6ZE/AF6C checks in JD, VDP, RND, IXN, HHC, LEX, FMX, KC5WNG (Daniel), and RE. IXN gets his rig back from Yaesu. JD announces a possible new check-in from the Orange County Fair, WNG. VDP works a couple of 10m contacts from the OC Fair. And IXN & VDP are still enjoying TWA's excellent tomatoes! AF6C & RND discuss the Blue Ridge Campgrounds, near location of AF6C's commercial ants. at work. Bob and cohort have been replacing a lightning-struck antenna! And RND suggests a Club DXpedition to 7000 ft. Table Mountain! JD tells IXN that he contacted the Ft. Venango Mike & Key Club in Oil City, PA., on their special event station. IXN still has intestinal problem, AF6C discovers rattle snakes & a fox on his mountain-topping safaris! IXN & VDP can't hear HHC. Ken is way down in the QRN! LEX, with 10, 6 & 2m mobile, puts in nice sigs tonight. And Chris tells OPs to listen for the 2m USB beacon from Hawaii on 144.170 MHz. FMX, AF6C & IXN discuss telescopes and sum observable sky objects. FMX also works on tuning an antenna using a formula from the ARRL Handbook. KC5WNG, Daniel, age 13, and a Gen. Class license, checks in and is welcomed by all! Daniel will attempt to attend next Club meeting for eyeballs with the crew! IXN has to leave Net before RE's comments, but picks up Alex on 2m.

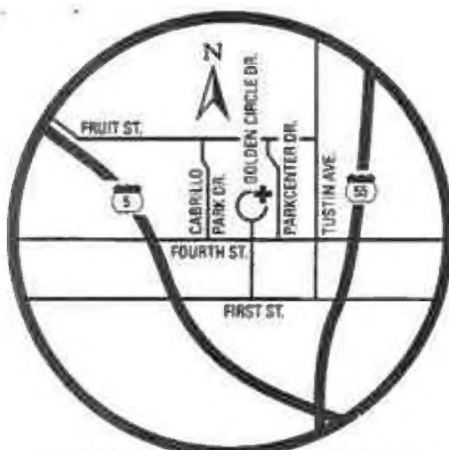
7/22 2m Phone Net - W6ZE/IXN checks in ZH, KN6YY (Neil, at the OC Fair Booth), KFW, BWH, TWA, VDP, AF6C, and RE. ZH worked the OC Fair Booth last night. And Chris worked the Slovak Republic and the Ukraine on 20m! And Chris may have takers for all 4 Club towers...Gud luck, Chris! KM6YY, with the MESAC Group, checks into Net from the Fair! Neil, has Joe & John, 2 Fair attendees say 'hello' to the Net. We invite all in the Booth to attend next Club meeting! BWH, ZH, RND, TWA, KFW, and VDP commented on the number of young people who showed interest in CW! KFW worked the Fair booth yesterday. AF6C asks FD band captains to get copies of their FD logs to him for OCARO, by Aug. Club Bfast. VDP tells OPs that the Inland Empire R.C. has an interesting Net on 147.27 MHz at 6:00 pm. Sundays. BWH, home from the Fair, airs Newsline. Newsline is still in dire financial straits! TWA gets congrats. from VDP & IXN as a tomato specialist, and Charles spent 3 days working the radio booth at the Fair. IXN & VDP comment on HHC's extremely weak sigs on 10m., and Larry says Ken must have an ant. problem. VDP said 6m was open briefly northward this eve. And RE & IXN discuss N6JSV's bad back problem, and RE still has trouble copying W1AW bulletins, RTTY, on the low

bands.

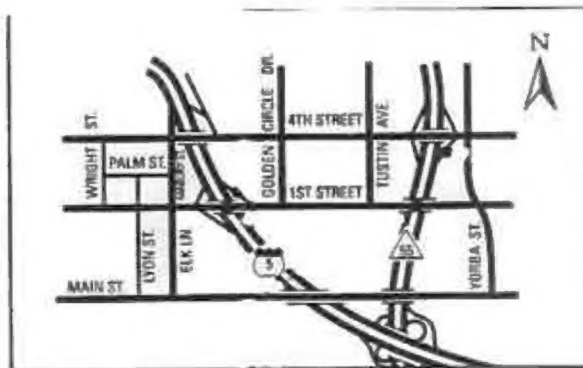
7/29 10m Phone Net - W6ZE/AF6C checks in XO, VDP, IXN, LEX, HHC, JD, TWA, and RE. XO needs OPs for the CA. Classic event. And Bob gets up at 3:00 am to take the XYL to the hospital. AF6C says his buddy at work might volunteer. VDP & AF6C discuss the Club web page w/ updated pix of Field Day. IXN put a pix of NT & himself, taken by Fried, WZO, in the Club History. And IXN is looking for other photos from FD to make a montage!!! AF6C, JD & IXN are all Sherlock Holmes buffs! VDP plans a trip to the Fontana Swap Meet in a couple of weeks. LEX, commenting favorably on the Web Page, plans to work the 10-10 Contest over the weekend. HHC, still in the QRN, beats the heat w/ a nice swim before dinner! And AF6C frolics w/ little critters crawling all over his desk! JD listens to 'tomato talk' from IXN, and Lowell plans an upcoming Alabama trip which includes a Hamfest. HHC and VDP tells OPs that Dennis, VFC's QTH is near Hot Springs Village in Arkansas. TWA gets a new water heater installed, and Charles tells OPs he enjoyed the TRW Swap Meet last weekend. RE repairs a broken sprinkler line and has the plumber replace a leaking close nipple under the bathroom sink. And Alex reports, from the 15th to the 22nd, a high of 145 and a low of 62 sunspots!

7/29 2m Phone Net - W6ZE/IXN checks in KFW/m, RE, VDP, SCV, TWA, ZH, K6AXJ (John, Downey), BWH, and UBK. KFW & XYL are returning home from din-din, and Chris has 5/9 sigs at the IXN's QTH. RE explains that the 10.7cm Flux figure from W1AW is a measure of the ionization of the 'F' layer of the ionosphere, which causes this layer to become like a mirror to radio waves, thus creating skip paths on 10, 15, and 20m. Alex also tells OPs to turn their 2m beams toward the N. Pole for possible future 2m ducting! SCV/QHO, back from vacation near Polson, Montana, describes the MT surroundings to IXN. Mike was doing sum HF work w/ his brother. VDP tells ZE that vertical polarization and inverted V ants. seem to work better on the 10m Net since many OPs are already vertically polarized. TWA continues to have a bumper tomato crop while IXN continues to nurse his 'jack-in-the-beanstalk' beefsteak plant! And Charles has planted his winter Champion tomatoes already. BWH inquires of ZH if any of the Club towers have been sold. ZH tells Bob there's no solid offers as yet. BWH says a 440 Club member wants to look at 'em! BWH airs Newline #1093, and it appears that more license restructuring is being proposed! ZH, playing basketball, 'snaps' a knee. Now for an MRI to determine the damage!

HHC forwards a request from a church for info. on disaster training to ZH by E-mail. UBK and XYL celebrate their 5th wedding anniv. in Solvang. John, K6AXJ, 'flies in and flies out'.



**AMERICAN RED CROSS  
CHAPTER HEADQUARTERS**  
601 N. Golden Circle Drive  
Santa Ana, CA





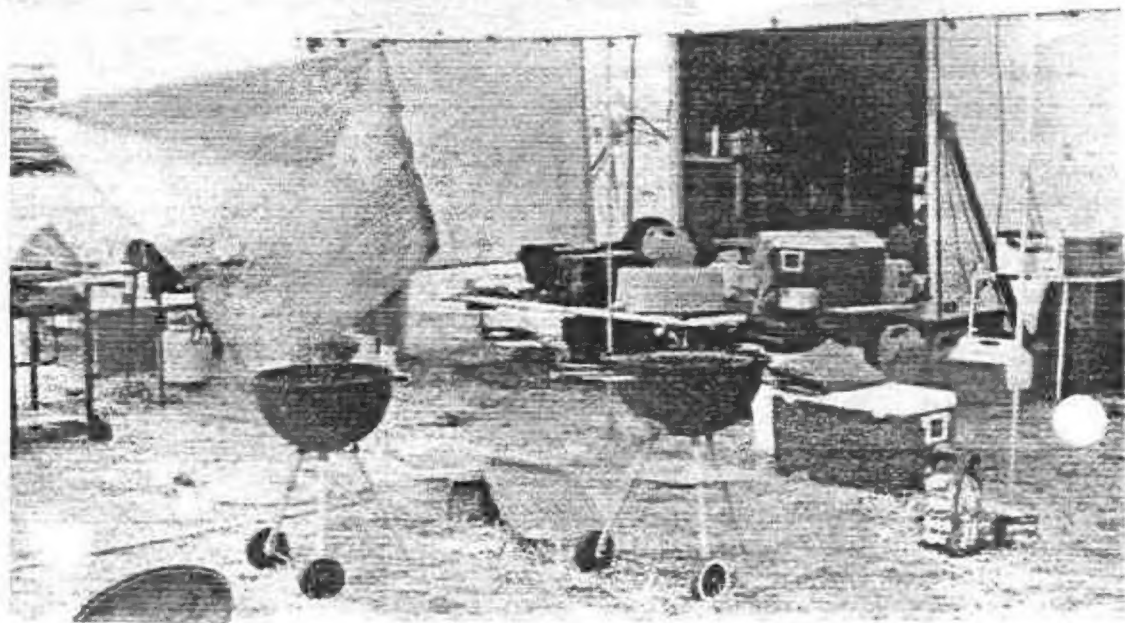
Our President at work



Where it all started



We will all eat again

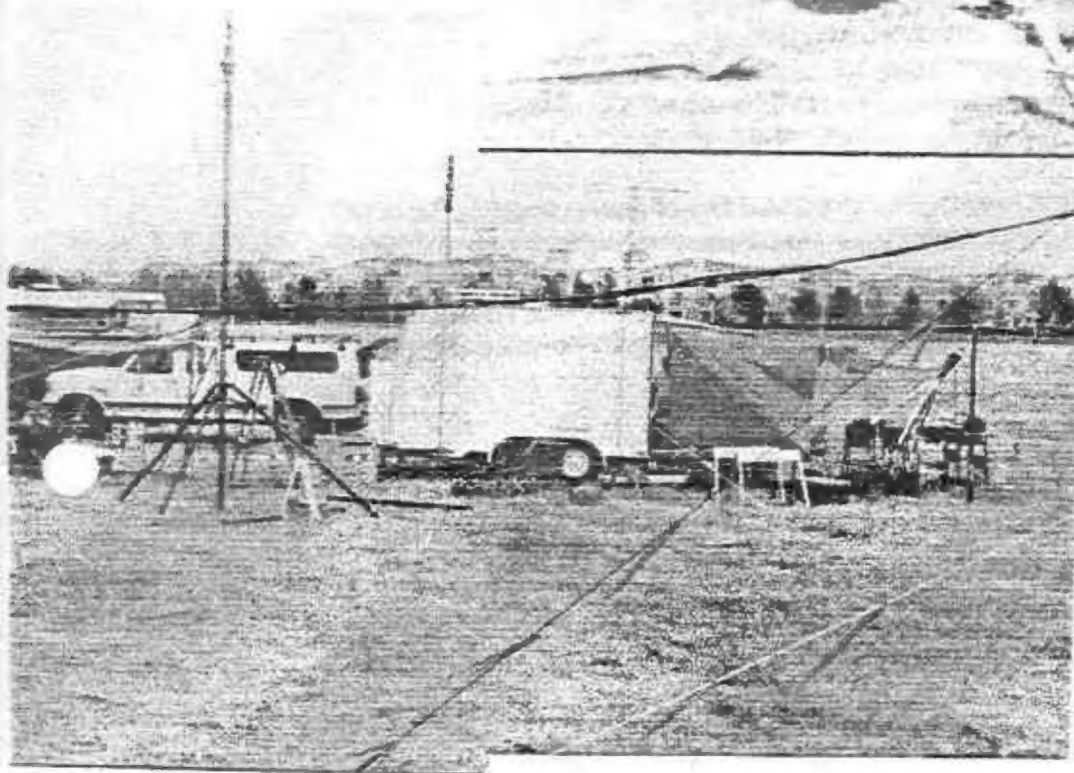




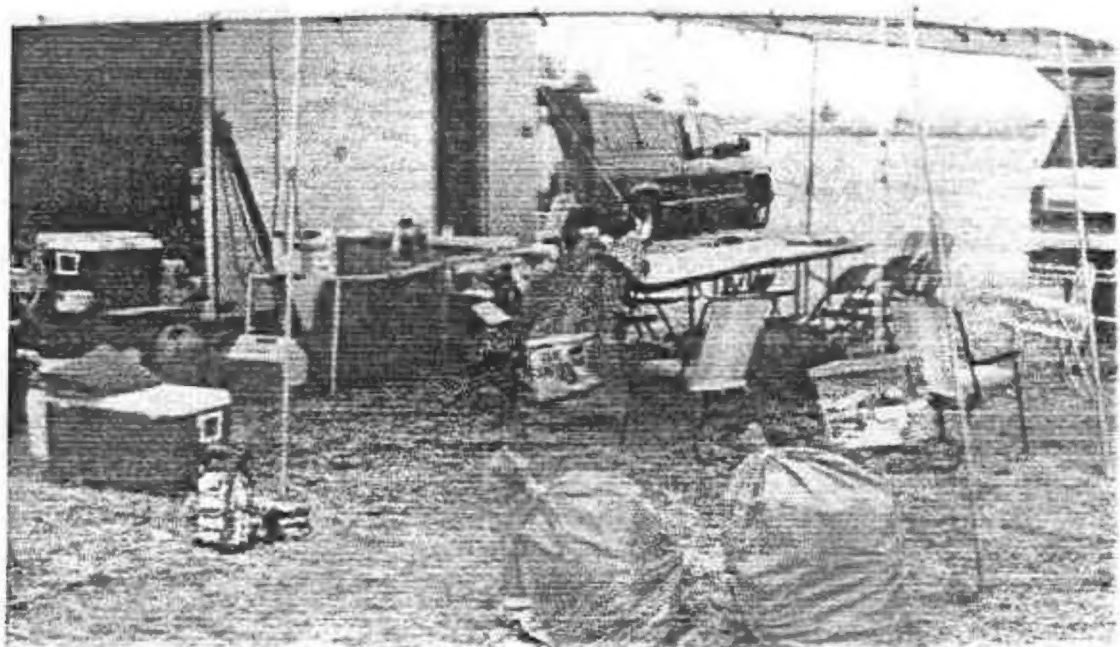
Setting up the cooking area



Down to business



Finished ready to close



## Club Nets

<u>Band</u>	<u>Mode</u>	<u>Day</u>	<u>Local Time</u>	<u>Freq.. MHZ</u>	<u>Net Control</u>
10 Meters	SSB	Wednesday	7:30 P.M.	28.375*	AF6C
2 Meters	FM	Wednesday	8:30 P.M.	146.550 Simplex	WB6IXN

(Listen for W6ZE, Net Control)

\*Plus or Minus QRM

### General Meeting

Aug 21st  
Sept 18th  
Oct 16th

General Meeting is the third Friday of each month, 7:30 P.M..  
AMERICAN RED CROSS facilities.  
601 N. Golden Circle Dr., Santa Ana, Ca.  
Major cross streets: Fourth Street and Tustin Ave.  
Talk-In frequency 146.550 MHZ, simplex.

### Board Breakfast

Sept 5th  
Oct 3rd  
Nov 7th

Board Meeting is the first Saturday of each month, 8:00 A.M.  
COCO's Restaurant ----- Members and Visitors are welcome.  
2585 N. Tustin Ave., Orange, Ca.  
Exit the 55 FWY at Lincoln Ave., West to Tustin Ave., Left on Tustin,  
Restaurant on the East side. (Across from Ford Agency)



Orange County Amateur Radio Club Inc.  
P.O. Box 3454  
Tustin, Ca., 92784



## First Class Mail

To: W6ZE Bob Evans  
701 S. Kilson Dr.  
Santa Ana, Ca. 92701

Your Personal Copy

Time Dated Material  
Please Rush

## **COMING EVENTS**

Aug14-16 ARRL SW Convention  
October 16: Annual Club Auction  
Oct. 23 "Not so DX-pedition"  
Dec. Club Xmas Dinner/Party